

Brazilian Corn and Soybean Outlook: the main opportunities and challenges

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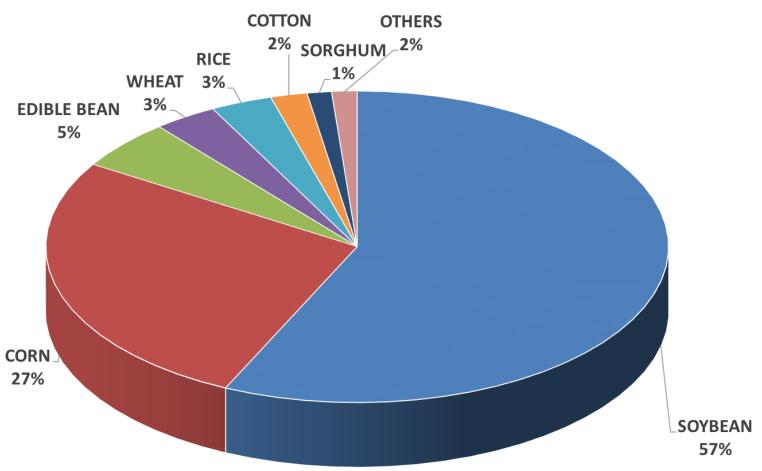


Brazilian soybean and corn overview



Source: Conab

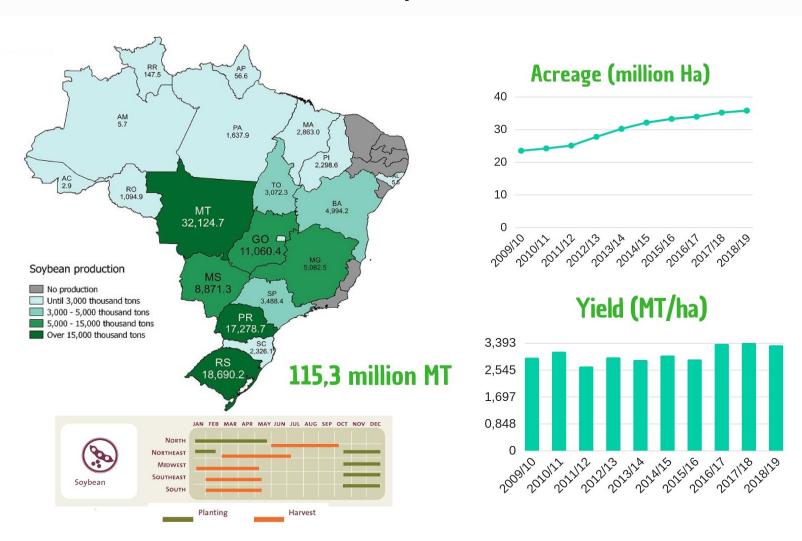






Soybean

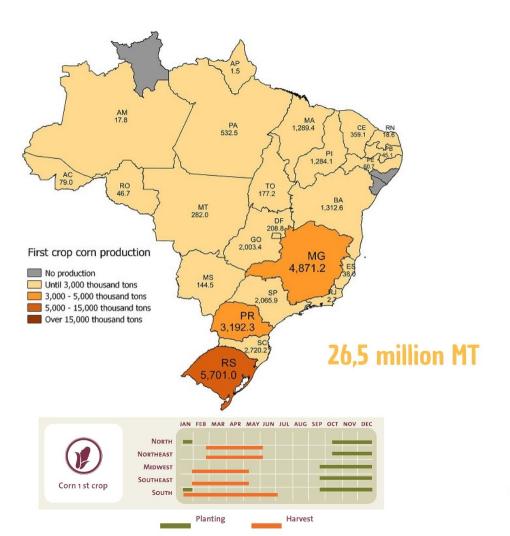
2018/19



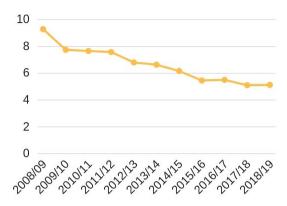


Corn 1st Crop

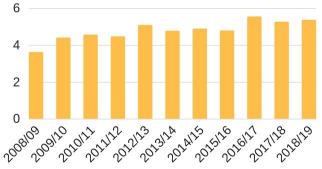
2018/19



Acreage (million Ha)



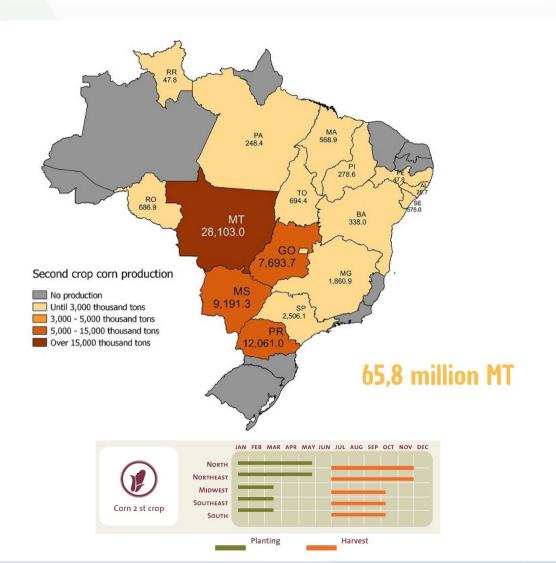
Yield (MT/ha)



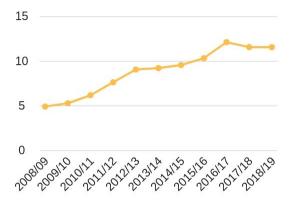


Corn 2nd Crop

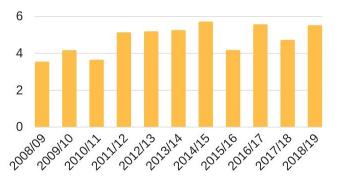
2018/19



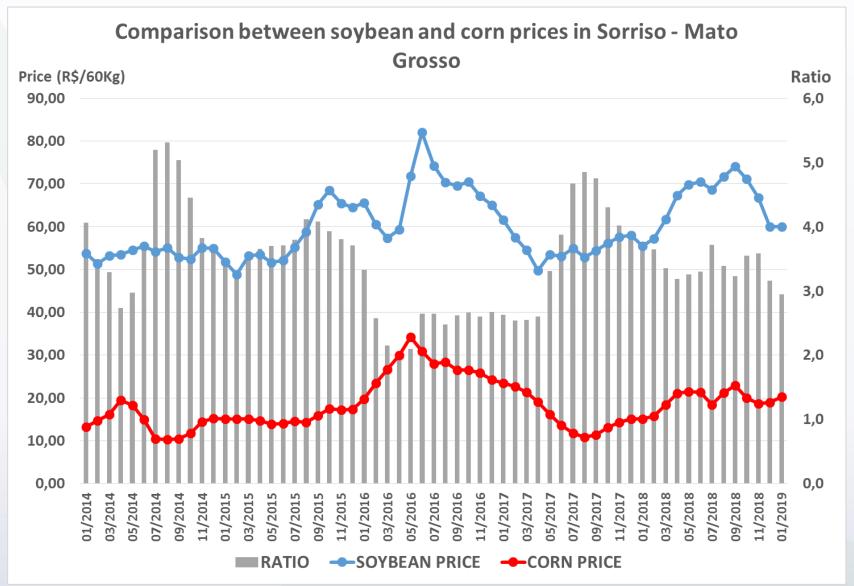
Acreage (million Ha)



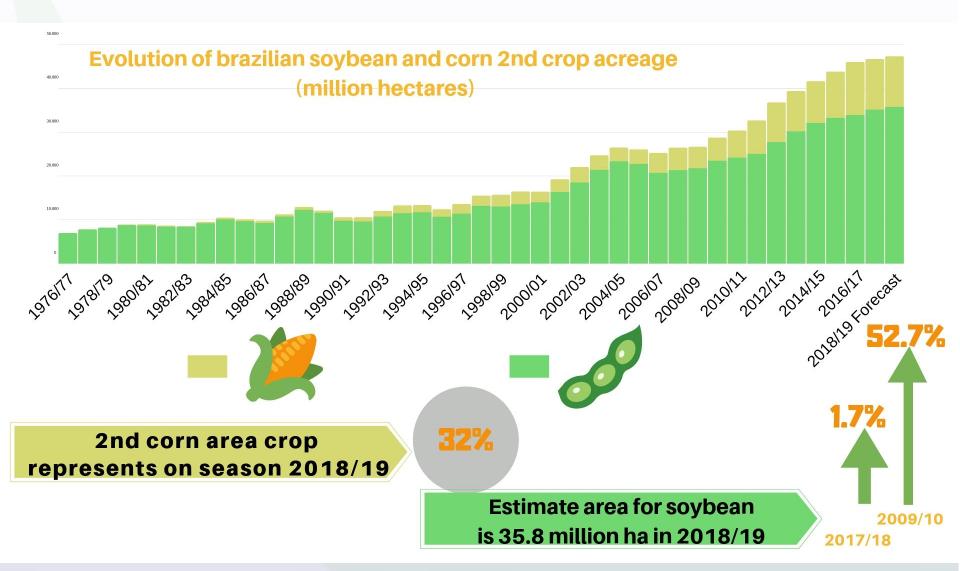
Yield (MT/ha)















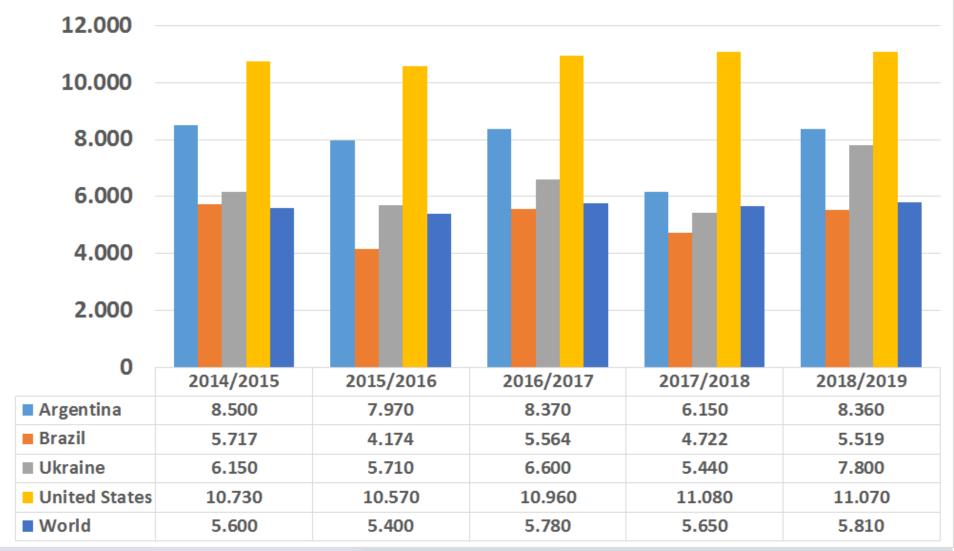


Opportunities

- Brazil has a possibilty to increase its yield;
- Brazil has improved technology, especially for corn production year by year (hybrids seeds, rational use of fertilizers, good technology of seeding and harvest, etc);
- Development of Arco Norte Ports;

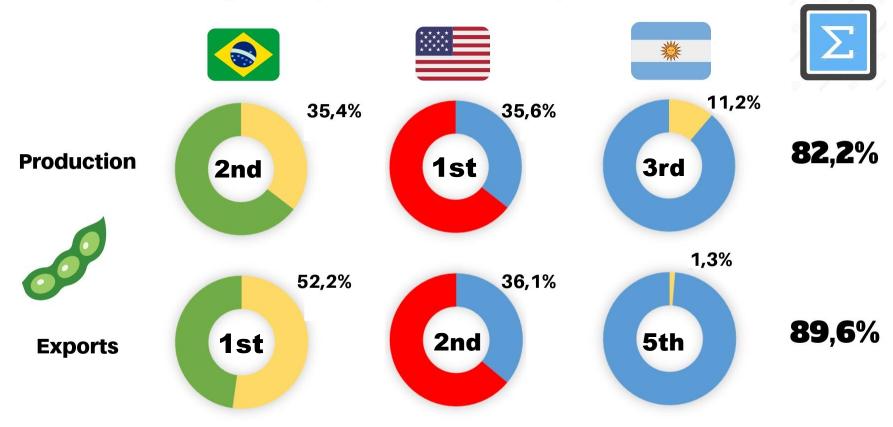


Comparison of major exporters corn yield (Kg/MT)



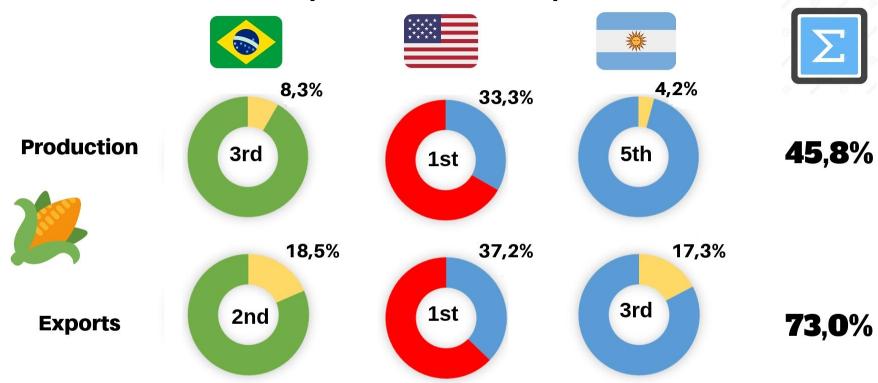


Soybean production and exports



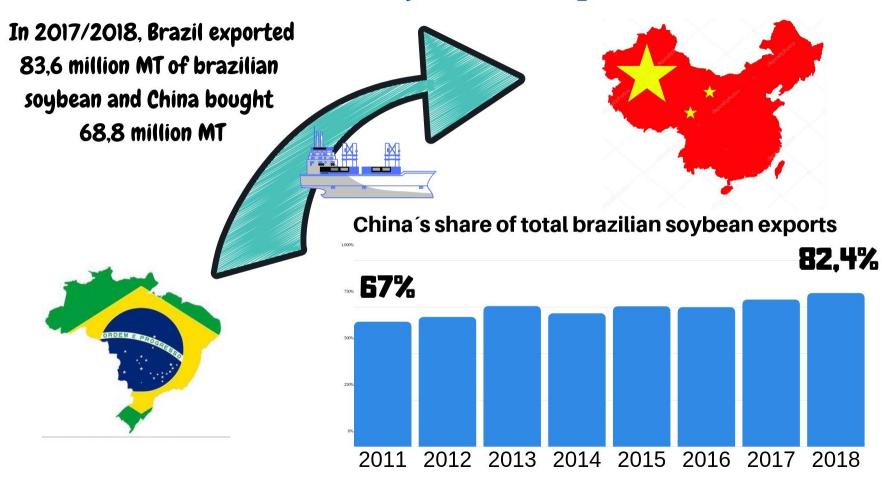


Corn production and exports

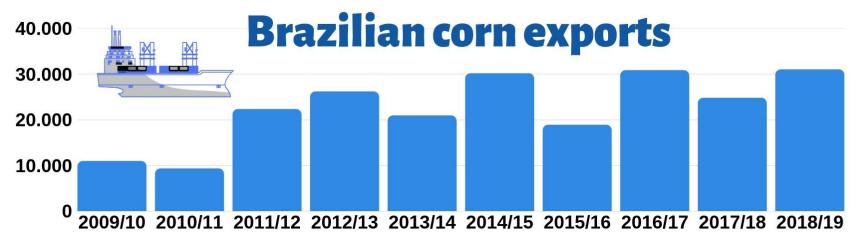


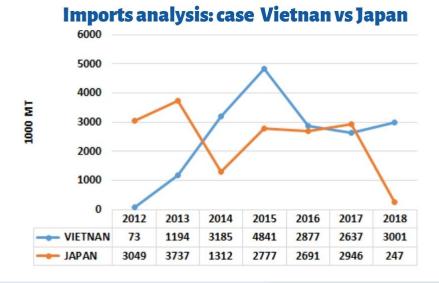


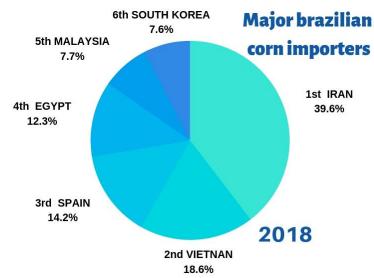
Brazilian soybean exports





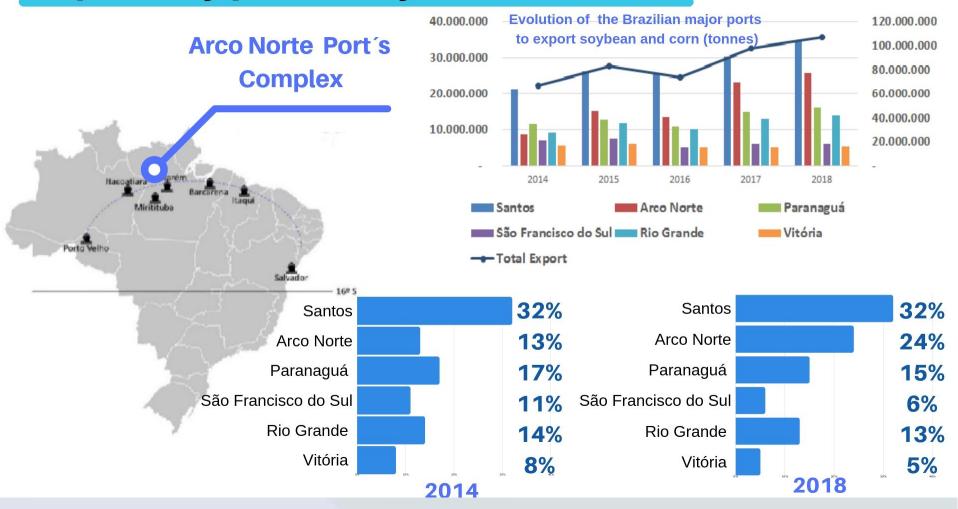








Exports by ports - Soybean and Corn





Main challenges

- Lack of good infrastructure of grain flow (bad roads and low amount of railroads and waterways;
- Defict of storage strucutures;
- High costs of production;
- Legal insecurity (can be improved in this government)





Matrix of Grain's Transportation

		•	
	%	%	%
Barge	11	2	60
Barge Rail	36	18	35
Truck	53	80	5

Average
Distance to
Ports

1.000 a 1.100

Km

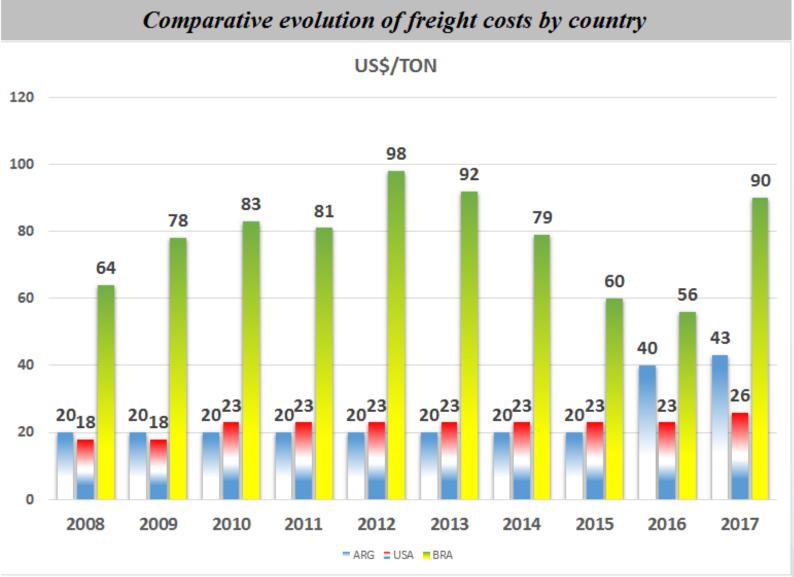
250 a 300 Km 1.000 Km

Source: ANEC, 2010



Source: ANEC

AMEC:



Deficit of storage













Main factors which inluence brazilian soybean and corn prices

Export Parity



ITEMS	SOYBEAN	CORN
1 - Chicago quotation (Uscents/bu)	918,00	377,75
2 - Premium- Paranaguá or Santos	44,00	90,00
3 - F.O.B Price	962,00	467,75
3.1 - FOB - Equivalent in US\$/t	353,47	184,14
3.2 - FOB - Equivalent in R\$/t	1.312,80	683,89
3.3 - FOB - Equivalent R\$/60 kg	78,77	41,03
4 - Port expenses in R\$/t	29,71	29,71
5 - Taxes	4,46	4,46
6 - Brokerage exchange (0,1875% s/3.2)	2,46	1,28
7 - Final Price - Port in R\$/t	1.276,17	648,44
7.1 - Equivalent R\$/60 kg - Final Price	76,57	38,91
7.2 - Equivalent US\$/60 kg - Final Price	20,62	10,48
Exchange:	3,7140	

Production Area	Soybean	Corn
	Sorriso MT	Sorriso MT
7 - Price - Port in R\$/t	1276,17	648,44
8 - Freight: Port - Production area (R\$/t)	330,00	330,00
9 - Technical break (0.5% s/7)	6,38	3,24
10 - Sub-total	939,79	315,20
11 - Administrative costs (1% s/10)	9,40	3,15
12 - Parity em R\$/t	930,39	312,05
12.1 - Equivalent in R\$/60 kg - Area	55,82	18,72
12.2 - Equivalent in US\$/60 kg - Area	15,03	5,04



Thank you.





